



XP-002327913

Substance Identification

Beilstein Registry Number	101172-52-5
Beilstein Preferred RN	101172-52-5
CAS Registry Number	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Chemical Name	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Autoname	C ₁₃ H ₂₃ NO ₃
Molecular Formula	241.33
Molecular Weight	26671, 2817, 298
Lawson Number	heterocyclic
Type of Substance	175870
Constitution ID	127683
Tautomer ID	4-22-00-02111
Beilstein Reference	1988/06/27
Entry Date	1992/05/13
Update Date	

Field Availability List 1-3 of 3

Code	Field Name	Occ.
1	Reaction	3
2	Boiling Point	1
3	Reference	1

Reaction 1 of 3

Reaction ID	186484
Reactant BRN	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Product BRN	7-methyl-hexahydro-3,8a-ethano-pyrano[3,4-c]pyridin-1-one
No. of Reaction Details	1
Reaction Entry Date	1988/06/27
Reaction Update Date	1988/06/27

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Reaction Classification
Reagent

Entry Date

Note 1
Ref. 1

Preparation
HCl
benzene
1988/06/27

Handbook
1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

Reaction 2 of 3

Reaction ID
Reactant BRN

Product BRN

No. of Reaction Details
Reaction Entry Date
Reaction Update Date
Reaction Classification
Reagent

Entry Date

Note 1
Ref. 1

186484 6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
2-methyl-6-oxo-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
1
1988/06/27
1988/06/27
Preparation
MnO₂
petroleum ether
1988/06/27

Handbook
1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

Reaction 3 of 3

Reaction ID
Reactant

Product BRN

No. of Reaction Details
Reaction Entry Date
Reaction Update Date
Reaction Classification
Reagent

Other Conditions
Entry Date

Note 1
Ref. 1

(+)-2-methyl-6-oxo-2,3,4,6,7,8-hexahydro-1H-isoquinoline-8a-carboxylic acid ethyl ester
6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
1
1988/06/27
1988/06/27
Preparation (half reaction)
platinum
ethanol
Hydrogenation
1988/06/27

Handbook
1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

Boiling Point

VALUE (BP) C	Pressure (.P) Torr	Entry Date	Note	Ref.
153 - 154	4	1988/06/27	1	1

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Note 1
Ref. 1

Handbook
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Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

Reference

; 1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.